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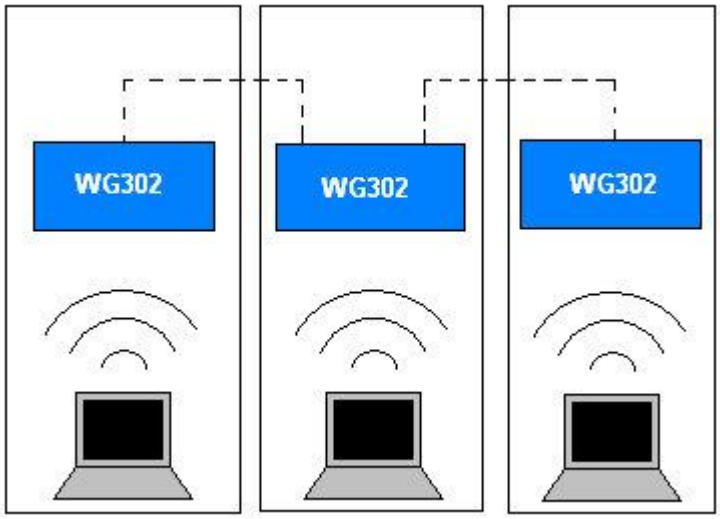
WG302 – Point-to-Multipoint Bridging: Use and Configuration



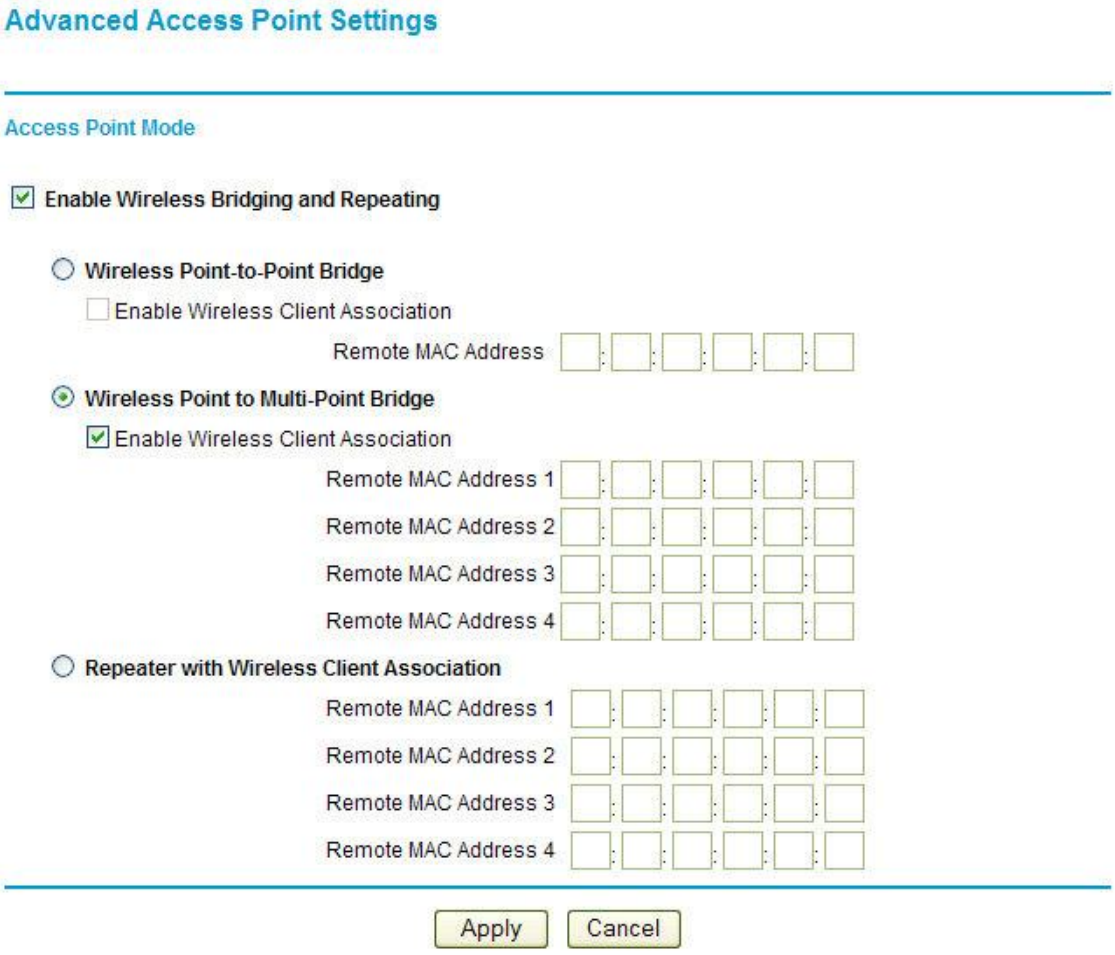
CONFIGURATION – How to set up the access points:

The layout for this example will be a WG302v2 as the MASTER Access Point, and two other WG302v2 as SLAVE units for two other buildings.

All the devices must use the exact same settings, with the exception of their IP address; same SSID, same channel, same encryption, etc.

CONFIGURATION – Central “Master” unit:

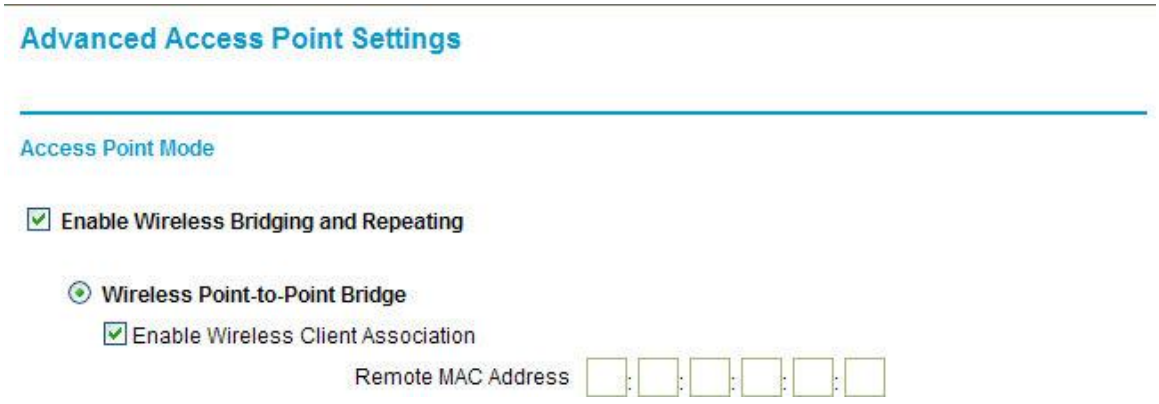
Once this access point has its basic configuration set and you’ve confirmed it to be working properly, go to the ‘Access Point Settings’ section and enable wireless bridging and repeating, select ‘Wireless Point to Multi-Point Bridge’ and enable Wireless Client Association (If you want stations to be able to connect to this particular access point)



In the Remote MAC address fields, put the MAC address of the other two access points; you'll be able to find the MAC address of each access point underneath the device, on its tag – Or alternatively in the 'General' section of the GUI.

CONFIGURATION – Secondary "Slave" units:

Once this access point has its basic configuration set and you've confirmed it to be working properly, go to the 'Access Point Settings' section and enable wireless bridging and repeating, select 'Wireless Point to Point Bridge' and enable Wireless Client Association (If you want stations to be able to connect to this particular access point).



In the 'Remote MAC Address' field insert the MAC address of the MASTER unit.

TESTING – Verifying the connection:

To verify this connection, try connecting wirelessly to the main unit and using the 'ping' DOS command to the IP address of the other access points. If the replies are successful, you'll know the configuration was successful.